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(54) Title: PrLZ REGULATORY ELEMENTS IN THE TREATMENT OF DISEASE AND THE DISCOVERY OF THERAPEUTICS

(57) Abstract: The compositions and methods of the present invention are based, in part, on a gene designated prostate leucine zipper (PrLZ) and the sequences that mediate its expression. The presence of the leucine zipper indicates that PrLZ encodes a protein that interacts with other proteins. Methods to inhibit the activity of PrLZ by identifying and inhibiting the interaction between PrLZ and such binding partners are within the scope of the invention, as are methods of inhibiting PrLZ in other ways (by, for example, inhibiting its expression with antisense molecules or siRNAs or inhibiting its activity with, for example, anti-PrLZ antibodies). Such inhibition is useful in the treatment of cancers or dysplasias affecting PrLZ-positive tissues, such as those in the prostate.